PO#	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR	REF#	TRANS SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
EXPEN	DITURE CAT	EGORY:	Personnel Costs							
EXPEN	DITURE TYPE:	FRINGE BENE	EFITS							
				PPD - DIVISION OFFICE	N		Burden Transaction	0.00	720.04	720.04
				PPD -			Burden	0.00	1,772.38	1,772.38
				MECHANICAL DEPARTMENT			Transaction			
				PPD - TECHNIC			Burden	0.00	1,099.05	1,099.05
				CENTERS			Transaction			
EXPEN	DITURE TYP	E SUBTOTAL	: FRINGE BENEFITS					0.00	3,591.47	3,591.47
EXPEN	DITURE TYPE:	OPTO ALLOC	-MONTHLY							
				PPD - DIVISION OFFICE	N		Burden	0.00	114.57	114.57
				PPD -			Transaction Burden	0.00	262.84	262.84
				MECHANICAL			Transaction			
				DEPARTMENT						
			: OPTO ALLOC-MONTHLY					0.00	377.41	377.41
EXPEN	DITURE TYPE:	OPTO ALLOC	-WEEKLY	PPD -			D .	0.00	27.45	27.45
				MECHANICAL			Burden Transaction	0.00	27.45	27.45
				DEPARTMENT				0.00	050.00	050.00
				PPD - TECHNIC CENTERS	CAL		Burden Transaction	0.00	250.28	250.28
EVDEN.		E OUBTOTAL							077.70	077.70
	DITURE TYPE:		: OPTO ALLOC-WEEKLY					0.00	277.73	277.73
EXPEN	JIIUKE ITPE.	OVERTIME		PPD - TECHNIO	CAL		Payroll Interface	0.00	48.75	48.75
				CENTERS			·			
EXPEN	DITURE TYP	E SUBTOTAL	: OVERTIME					0.00	48.75	48.75
EXPEN	DITURE TYPE:	TIME WORKE	D -MONTHLY							
				FES -			Chargeback	0.00	-690.00	-690.00
				ENGINEERING	1		Salary			

PO#	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR	REF#	TRANS SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
EXPEND	DITURE CAT	EGORY:	Personnel Costs							
				FES - ENGINEERING			ORACLE TIME AND LABOR	0.00	690.00	690.00
				PPD - DIVISION OFFICE	I		Effort Reporting	0.00	1,833.13	1,833.13
				PPD - MECHANICAL DEPARTMENT			Effort Reporting	0.00	4,205.37	4,205.37
EXPEND	DITURE TYPI	E SUBTOTAL	.: TIME WORKED -MONTHL	Υ				0.00	6,038.50	6,038.50
EXPEND	ITURE TYPE:	TIME WORKE	ED -WEEKLY	PPD -			Effort Donortina	0.00	296.80	296.80
				MECHANICAL DEPARTMENT			Effort Reporting	0.00	290.00	290.00
				PPD - TECHNIC CENTERS	CAL		Effort Reporting	0.00	2,705.76	2,705.76
EXPEND	DITURE TYPI	E SUBTOTAL	.: TIME WORKED -WEEKLY					0.00	3,002.56	3,002.56
EXPEND	ITURE TYPE:	VAC EARNE	O ALLOC-MONTHLY							
				PPD - DIVISION OFFICE	I		Burden	0.00	201.64	201.64
				PPD -			Transaction Burden	0.00	462.59	462.59
				MECHANICAL DEPARTMENT			Transaction			
EXPEND	DITURE TYPI	E SUBTOTAL	.: VAC EARNED ALLOC-MO	NTHLY				0.00	664.23	664.23
EXPEND	ITURE TYPE:	VAC EARNE	ALLOC-WEEKLY							
				PPD - MECHANICAL DEPARTMENT			Burden Transaction	0.00	35.62	35.62
				PPD - TECHNIC	CAL		Burden	0.00	324.69	324.69
				CENTERS			Transaction			
EXPEND	DITURE TYPI	E SUBTOTAL	: VAC EARNED ALLOC-WE	EKLY				0.00	360.31	360.31
EXPEND	DITURE CAT	EGORY SUB	TOTAL: Personnel Costs					0.00	14,360.96	14,360.96

PO#	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR	TRANS REF # SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs	
EXPEND	DITURE CATE	GORY: N	Materials & Services							
EXPEND	ITURE TYPE:	CONSTRUCTIO	N ENGINEERING							
				FES - ENGINEERING		Shops Chargebacks	0.00	690.00	690.00	
EXPEND	DITURE TYPE	SUBTOTAL:	CONSTRUCTION ENGINEER	RING			0.00	690.00	690.00	
EXPENDITURE TYPE: EXEMPT - SUBCNTRT SVCS PASS TH										
	208095	ARGONNE NAT'L LAB	NOVA WBS 1.8 ASSEMBLY R&D APR TO SEP-FY09	PPD - DIVISION OFFICE	SAXER, SUZANNE		-292,740.00	0.00	-292,740.00	
563811		ARGONNE NAT'L LAB	563811-NOVA WBS 1.8 ASSEMBLY R&D APR TO SEP-FY09-ARGONNE	PPD - DIVISION OFFICE		PO Receipt Accruals	0.00	85,951.00	85,951.00	
563811		ARGONNE NAT'L LAB	NAT'L LAB 563811-NOVA WBS 1.8 ASSEMBLY R&D OCT TO MARCH FY2009-ARGONNE	PPD - DIVISION OFFICE		PO Receipt Accruals	0.00	-56,668.82	-56,668.82	
563811		ARGONNE NAT'L LAB	NAT'L LAB NOVA WBS 1.8 ASSEMBLY R&D APR TO SEP-FY09	PPD - DIVISION OFFICE	SAXER, SUZANNE		180,062.93	0.00	180,062.93	
563811	903-CHFA1 83	ARGONNE NAT'L LAB	NOVA WBS 1.8 ASSEMBLY R&D APR TO SEP-FY09	PPD - DIVISION OFFICE	SAXER, SUZANNE	AP INVOICE	0.00	7,953.38	7,953.38	
563811	903-CHFA1 83	ARGONNE NAT'L LAB	NOVA WBS 1.8 ASSEMBLY R&D OCT TO MARCH FY2009	PPD - DIVISION OFFICE	SAXER, SUZANNE	AP INVOICE	0.00	56,668.82	56,668.82	
563811	904-CHFA1 91	ARGONNE NAT'L LAB	NOVA WBS 1.8 ASSEMBLY R&D APR TO SEP-FY09	PPD - DIVISION OFFICE	SAXER, SUZANNE	AP INVOICE	0.00	18,772.69	18,772.69	
EXPENDITURE TYPE SUBTOTAL: EXEMPT - SUBCNTRT SVCS PASS TH EXPENDITURE TYPE: FABRICATION PROCUREMENT -112,677.07 112,677.07										

Task Transaction Detail ACT070

Fermilab Business Services

Task Organization PPD - NEUTRINO DEPARTMENT

PROJECT: NOVA TASK: 1.8.9.5 TASK NAME: Detector Asmbly R&D Period End: APR-09

PO# EXPENI	DOC.# DITURE CATE	VENDOR EGORY: M a	ITEM DESC. terials & Services	EXP. ORG.	REQUESTOR	TRANS REF # SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
	208511		WELDMENT AS SHOWN ON DRAWING 3929.000-ME-466311 AND SUB-ASSEMBLY DRAWINGS CALL OUT ON DRAWING 3929.000-ME-466311	PPD - MECHANICAL DEPARTMENT	PUSHKA, DAVID		29,160.00	0.00	29,160.00
EXPEN	DITURE TYPE	SUBTOTAL: FA	ABRICATION PROCUREME	NT			29,160.00	0.00	29,160.00
EXPEND	ITURE TYPE:	MATERIAL PURC	HASES						
			PRN114820 1 APPLIED IND TECH 0361 5523300905613056273 3560 Card#JOHNSONE 6846 TranID0936209512	PPD - DIVISION OFFICE		PROCARD COST TRANSFER	0.00	1,712.06	1,712.06

Page 4 of 9

PO#	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR	TRANS REF # SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
EXPEND	DITURE CATE	GORY: Mate	erials & Services						
585711		SEALANT EQUIPMENT ENGINEERING INC	DISC - RUPTURE FOR 1260-0318-4000 RUPTURE DISC ASSEMBLY	PPD - DIVISION OFFICE	SAXER, SUZANNE		79.08	0.00	79.08
585711		SEALANT EQUIPMENT ENGINEERING INC	#1209-128-001 KIT - SERVICE FOR 2200-245-147-AM VALVE #2150-210-117	PPD - DIVISION OFFICE	SAXER, SUZANNE		495.56	0.00	495.56
585711		SEALANT EQUIPMENT ENGINEERING INC	KIT - SERVICE FOR 2200-396-013-AM VALVE #2150-532-000	PPD - DIVISION OFFICE	SAXER, SUZANNE		702.00	0.00	702.00
585711		SEALANT EQUIPMENT ENGINEERING INC	KIT - SERVICE FOR BOTH LEFT AND RIGHT SEAL CARTRIDGE ASSEMBLIES #2150-418-001	PPD - DIVISION OFFICE	SAXER, SUZANNE		1,259.76	0.00	1,259.76
585711		SEALANT EQUIPMENT ENGINEERING INC	KIT FOR 000289-010008 PUMP AIR MOTOR #2150-250	PPD - DIVISION OFFICE	SAXER, SUZANNE		735.36	0.00	735.36
585711		SEALANT EQUIPMENT ENGINEERING INC	LUBRICANT - THROAT SEAL #2200-1022	PPD - DIVISION OFFICE	SAXER, SUZANNE		26.61	0.00	26.61
585711		SEALANT EQUIPMENT ENGINEERING INC	SEAL, NEOPRENE FOR 000289-010171 FOLLOWER PLATE #000289-009762	PPD - DIVISION OFFICE	SAXER, SUZANNE		422.36	0.00	422.36
585711		SEALANT EQUIPMENT ENGINEERING INC	SERVICE KIT FOR 000289-0100008 PUMP LOWER END #637305-P43	PPD - DIVISION OFFICE	SAXER, SUZANNE		429.60	0.00	429.60
EXPEND	DITURE TYPE	SUBTOTAL: MA	TERIAL PURCHASES				4,150.33	1,712.06	5,862.39
EXPEND	ITURE TYPE:	SUB-CONTRACT S	VCS PASS THRU						

Page 5 of 9

PO #	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR	TRANS REF # SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
PO # DOC. # VENDOR ITEM DESC. EXP. ORG. REQUESTOR REF # SOURCE Ind RIPs COSTS Ind ITEM DESC.									
	208124		MACHINE		•		-1,392.00	0.00	-1,392.00
584141			NOVA FY09 R&D WORK FOR IPND FILLING MACHINE DESIGN, FABRICATION ENGINEER/DESIGNER/ TECH LAB-INDIANA			·	0.00	-3,026.36	-3,026.36
584141			R&D WORK FOR IPND FILLING MACHINE DESIGN, FABRICATION ENGINEER/DESIGNER/		· ·	AP INVOICE	0.00	9,667.71	9,667.71
584141			MACHINE		· ·		1,392.00	0.00	1,392.00
584141			R&D WORK FOR IPND FILLING MACHINE DESIGN, FABRICATION ENGINEER/DESIGNER/				-6,641.35	0.00	-6,641.35
				S THRU			-6,641.35	6,641.35	0.00
EXPEND		TECH TEMPS		-		AP INVOICE	0.00	1,177.60	1,177.60
EXPEN	DITURE TYPE	SUBTOTAL: TI	EMPORARY HELP				0.00	1,177.60	1,177.60
EXPEN	DITURE CATE	GORY SUBTOT	AL: Materials & Services				-86,008.09	122,898.08	36,889.99

PO#	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR	REF#	TRANS SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
EXPEN	DITURE CAT	EGORY:	Overhead							
EXPEND	DITURE TYPE:	CSS ALLOCA	TION							
				FES -			Burden	0.00	247.26	247.26
				ENGINEERING	3		Transaction			
				PPD - DIVISIO	N		Burden	0.00	817.78	817.78
				OFFICE			Transaction		0.040.0=	0.040.0=
				PPD -			Burden	0.00	2,012.97	2,012.97
				MECHANICAL DEPARTMENT			Transaction			
				PPD - TECHNI			Burden	0.00	1,262.14	1,262.14
				CENTERS			Transaction		, -	, -
EXPENDITURE TYPE SUBTOTAL: CSS ALLOCATION								0.00	4,340.15	4,340.15
EXPEND	DITURE TYPE:	G&A ALLOCA	TION-CSS PORTION							
				FES -			Burden	0.00	98.41	98.41
				ENGINEERING			Transaction			
				PPD - DIVISIO	N		Burden	0.00	439.42	439.42
				OFFICE			Transaction	0.00	1 001 64	1 001 64
				PPD - MECHANICAL			Burden	0.00	1,081.64	1,081.64
				DEPARTMENT			Transaction			
				PPD - TECHNI			Burden	0.00	678.20	678.20
				CENTERS			Transaction			
EXPEN	DITURE TYPI	E SUBTOTAL	: G&A ALLOCATION-CSS P	ORTION				0.00	2,297.67	2,297.67
EXPEND	DITURE TYPE:	G&A ALLOCA	TION-M&S PORTION							
				DS - PARTICL	E		Burden	0.00	129.83	129.83
				PHYSICS			Transaction			
				DIVISION PPD - DIVISIO	N.I.			0.00	188.75	188.75
				OFFICE	IN .		Burden Transaction	0.00	100.75	100.75
				OFFICE			Transaction			
EXPEN	DITURE TYPI	E SUBTOTAL	: G&A ALLOCATION-M&S F	PORTION				0.00	318.58	318.58
EXPEND	DITURE TYPE:	MSA ALLOCA	TION							

PO#	DOC.#	VENDOR	ITEM DESC.	EXP. ORG.	REQUESTOR		TRANS SOURCE	CHG in COMMIT incl RIPs	TOTAL COSTS	OBLIGATION incl RIPs
EXPEN	DITURE CAT	EGORY:	Overhead							
				DS - PARTICLE PHYSICS DIVISION	<u> </u>		Burden Transaction	0.00	58.88	58.88
				PPD - DIVISION OFFICE	N		Burden Transaction	0.00	85.60	85.60
EXPEN	DITURE TYPI	E SUBTOTAL:	MSA ALLOCATION					0.00	144.48	144.48
EXPEND	DITURE TYPE:	PPD PROGRAM	SUPPORT ALLOCATION							
				PPD - DIVISION OFFICE	N	_	Burden Transaction	0.00	497.77	497.77
				PPD - MECHANICAL DEPARTMENT			Burden Transaction	0.00	1,225.27	1,225.27
				PPD - TECHNIC CENTERS	CAL		Burden Transaction	0.00	768.24	768.24
		E SUBTOTAL: SPECIAL RATE	PPD PROGRAM SUPPORT INDIRECT	ALLOCATION				0.00	2,491.28	2,491.28
				PPD - DIVISION OFFICE	N		Burden Transaction	0.00	99.62	99.62
EXPEN	DITURE TYPI	E SUBTOTAL:	SPECIAL RATE INDIRECT					0.00	99.62	99.62
EXPEN	DITURE CAT	EGORY SUBTO	OTAL: Overhead					0.00	9,691.78	9,691.78
TOTAL	FOR PROJEC	CT: NOvA and	TASK: 1.8.9.5					-86,008.09	146,950.82	60,942.73

Task Transaction Detail
Task Organization PPD - NEUTRINO DEPARTMENT **ACT070** Fermilab Business Services

PROJECT: NOVA **TASK**: 1.8.9.5 TASK NAME: Detector Asmbly R&D Period End: APR-09

TOTAL FOR TASK ORGANIZATION: PPD - NEUTRINO DEPARTMENT -86,008.09 146,950.82 60,942.73

EXPENDITURE TYPES GRAND TOTAL -86,008.09 146,950.82 60,942.73

Page 9 of 9 Report Date: 05/13/2009 6:15 pm